

Fig. 1

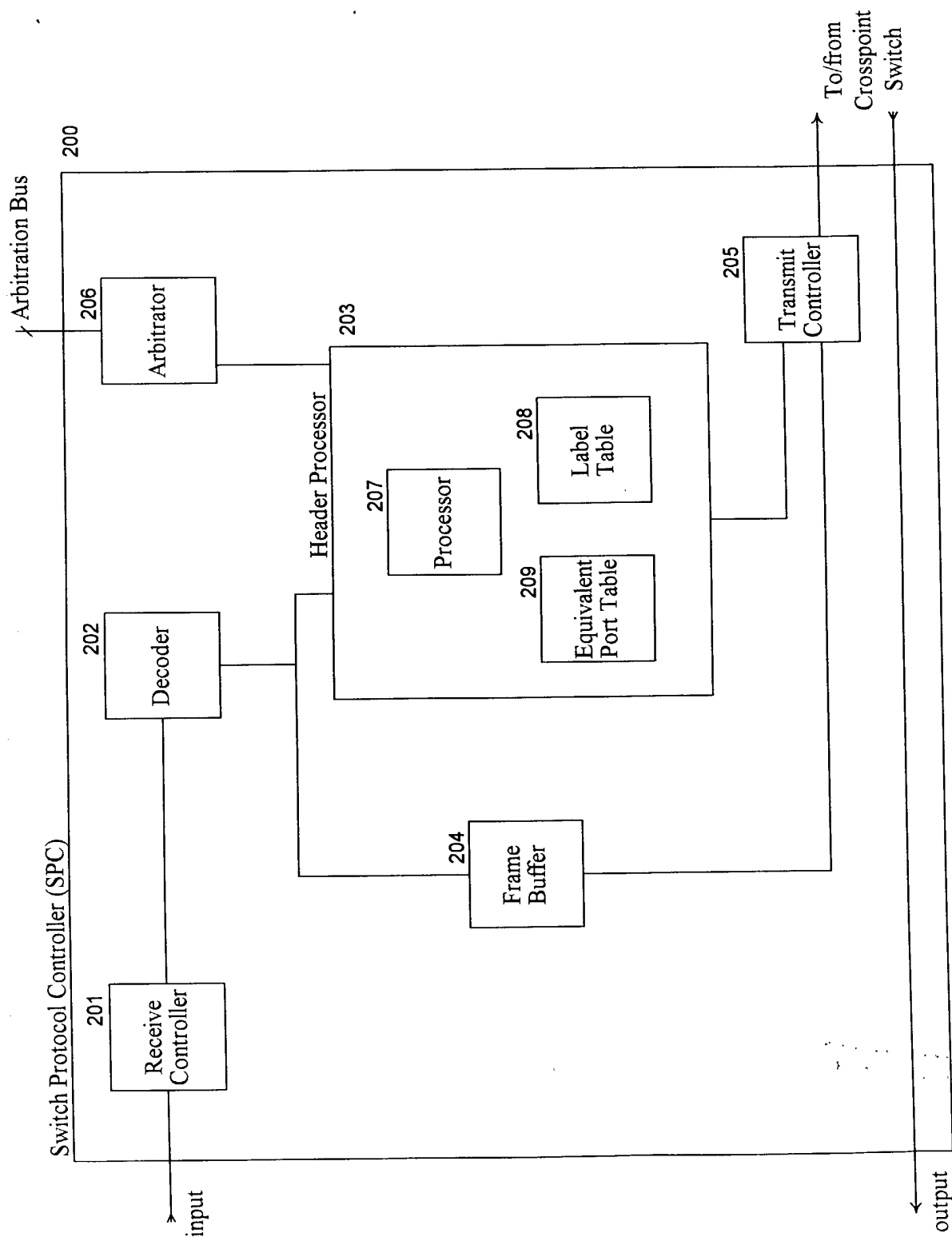


Fig. 2

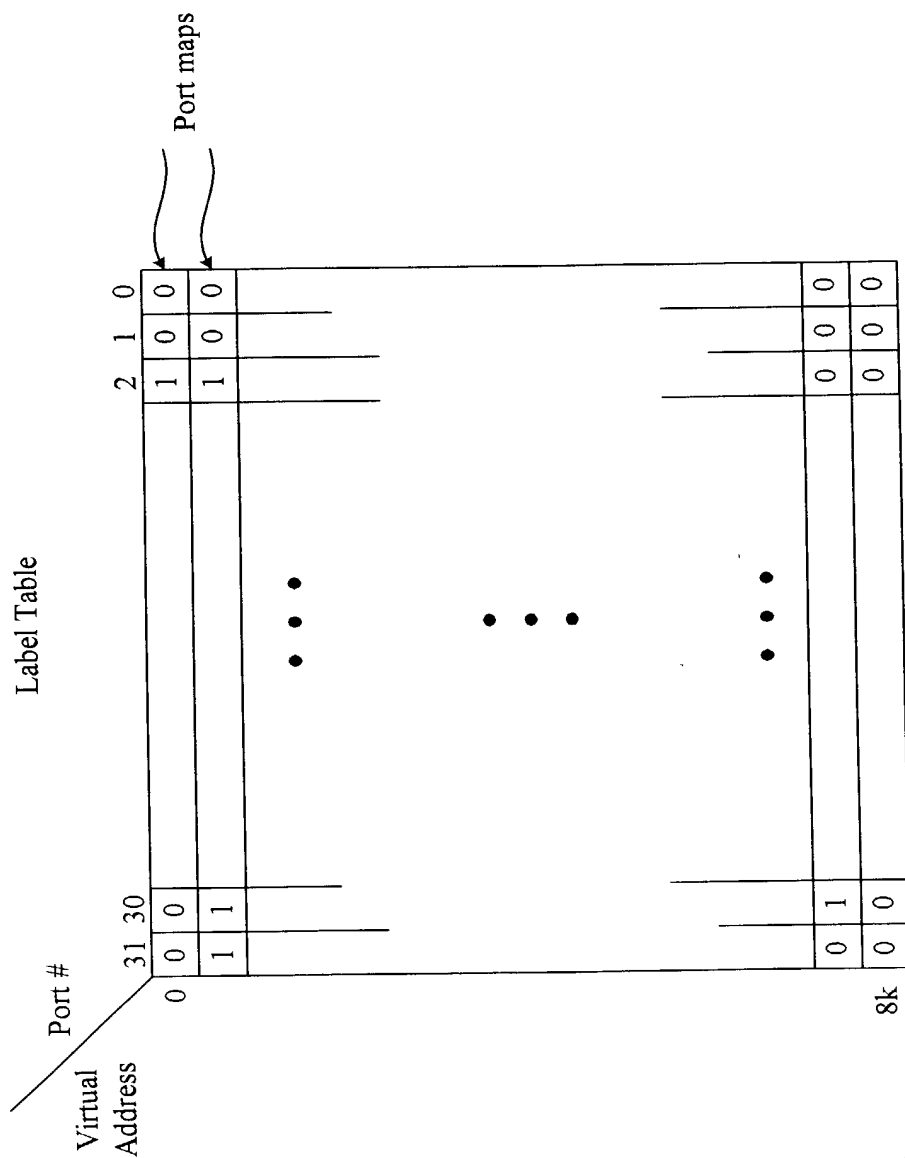


Fig. 3

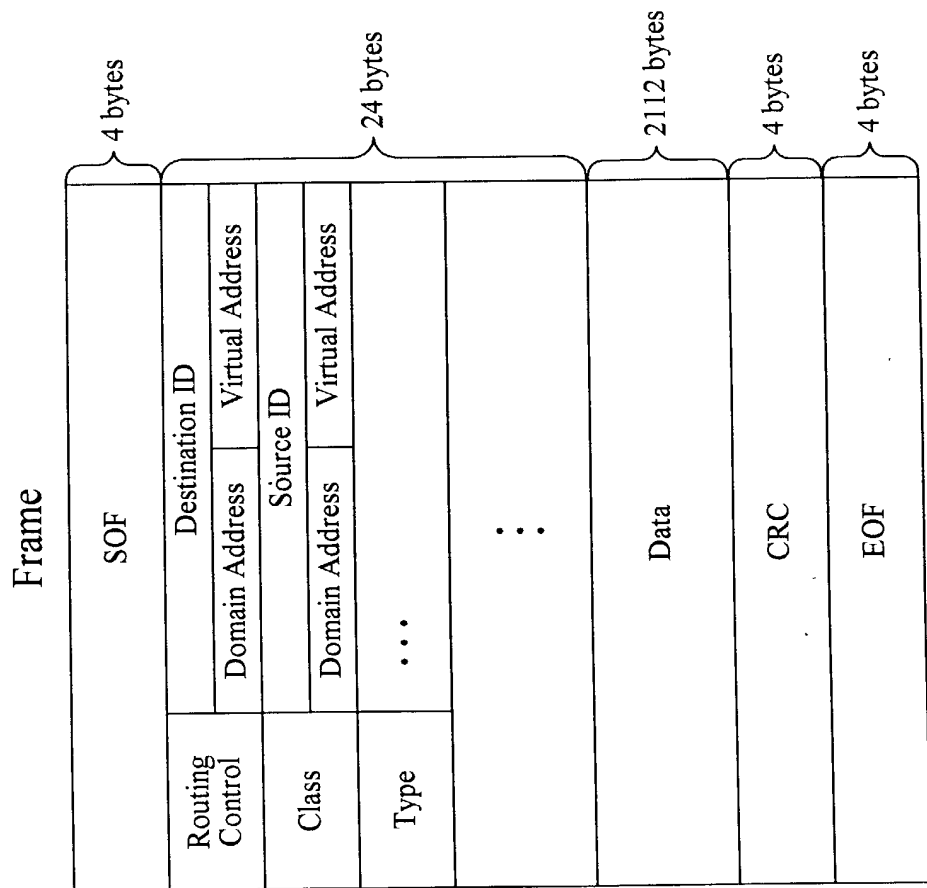


Fig. 4

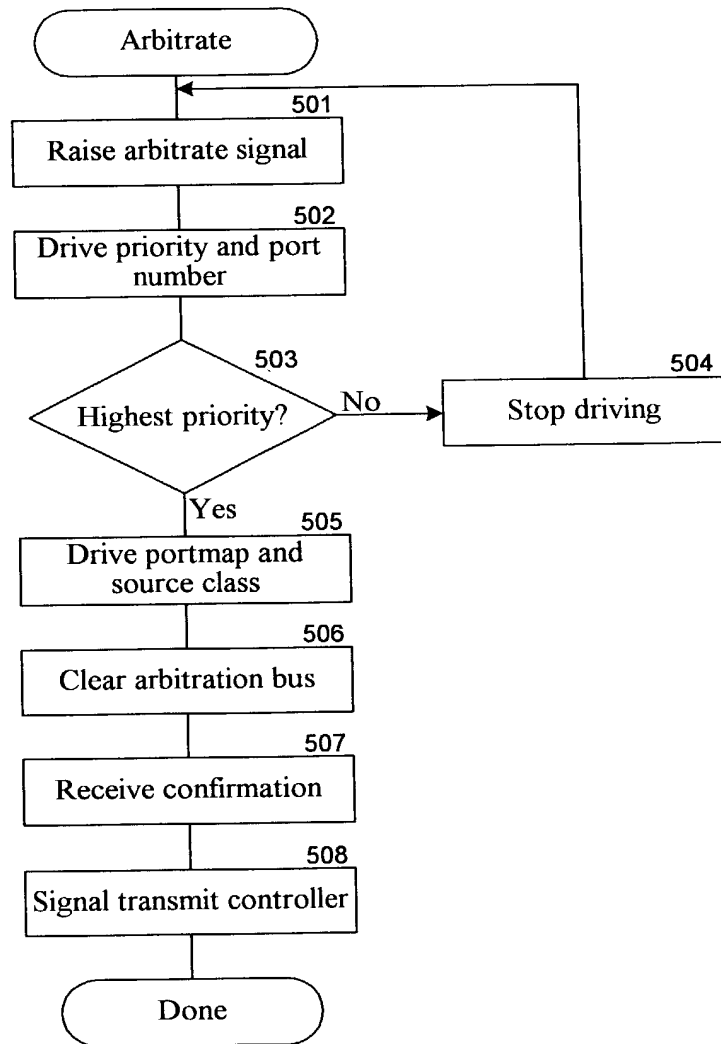


Fig. 5

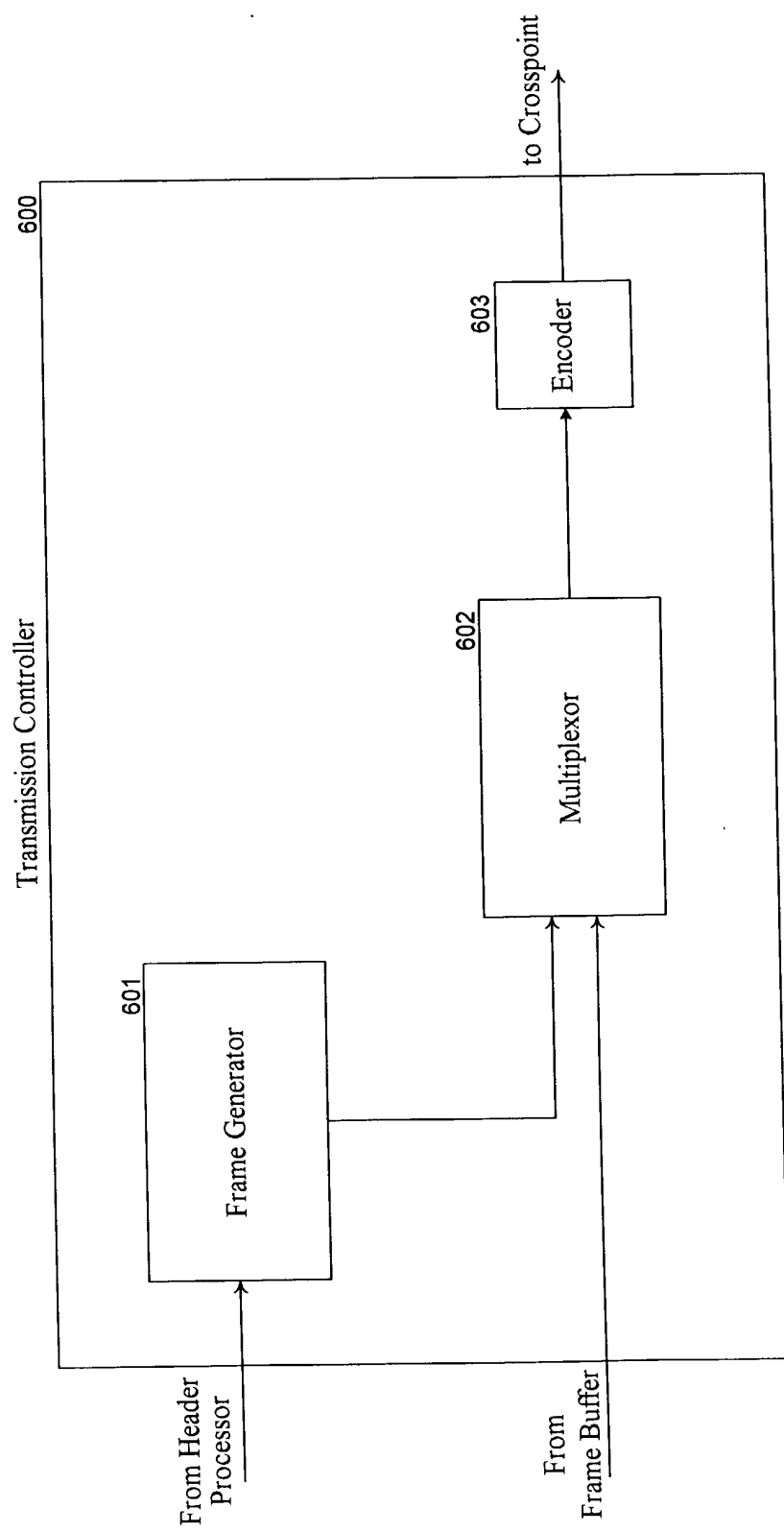


Fig. 6

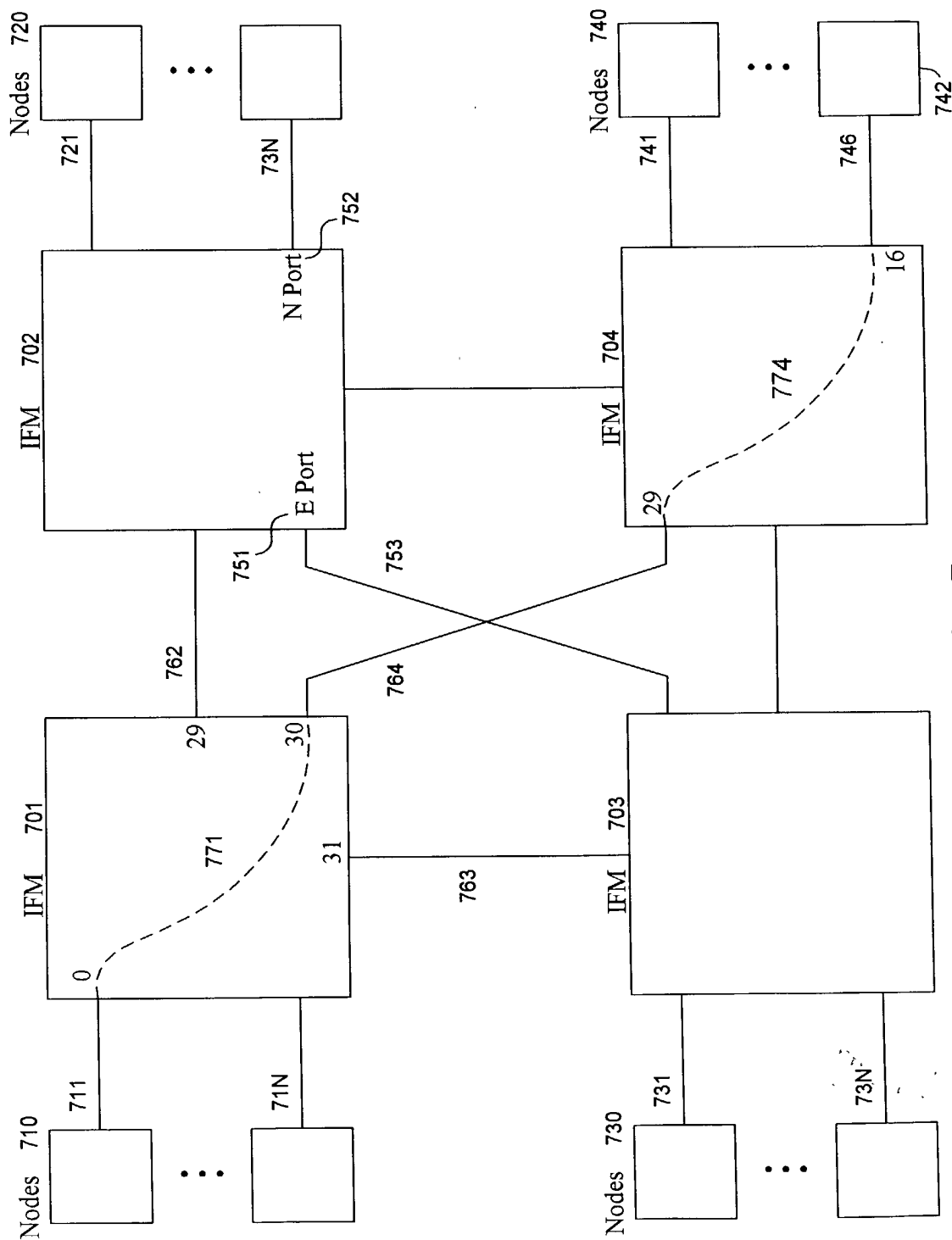


Fig. 7

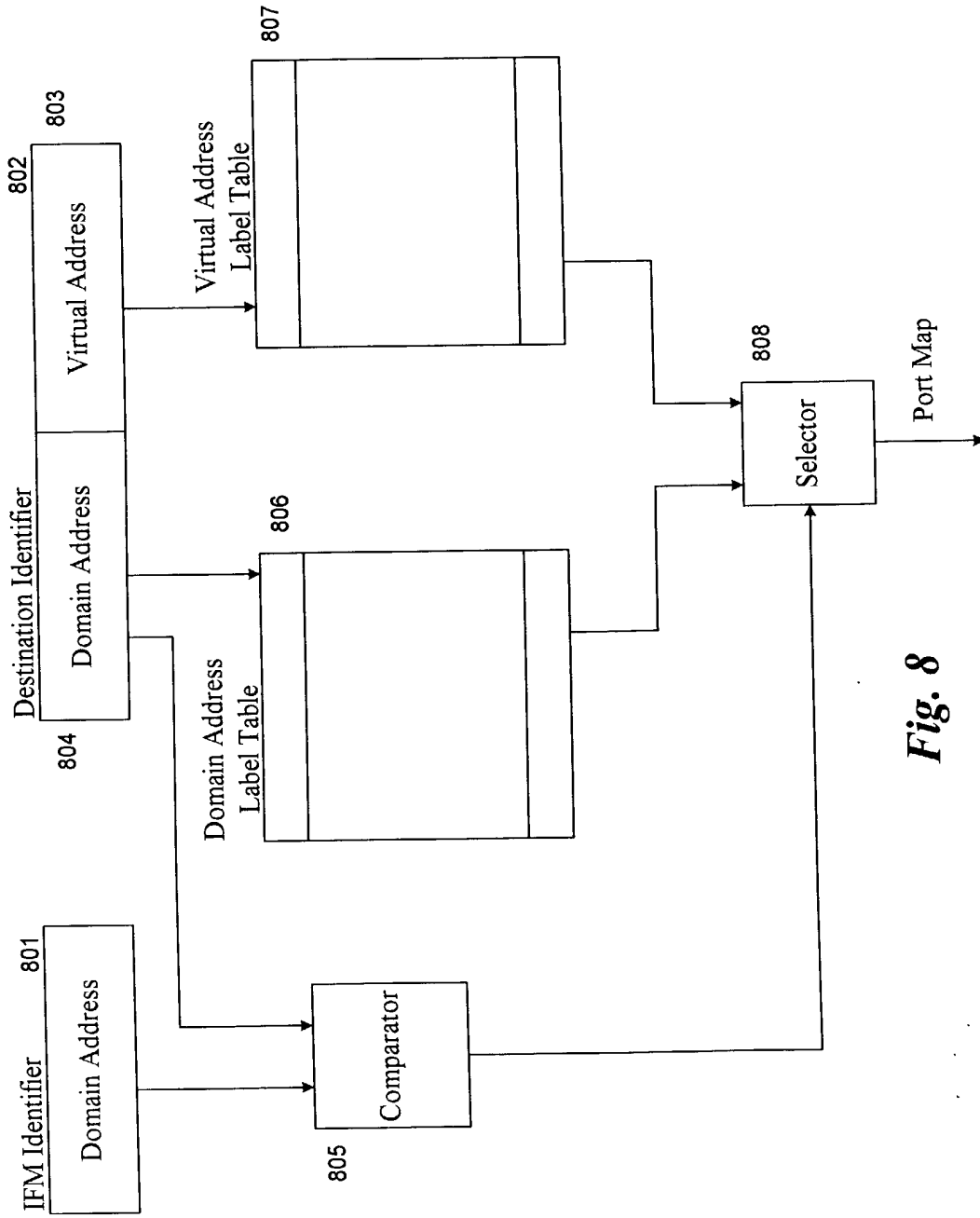


Fig. 8

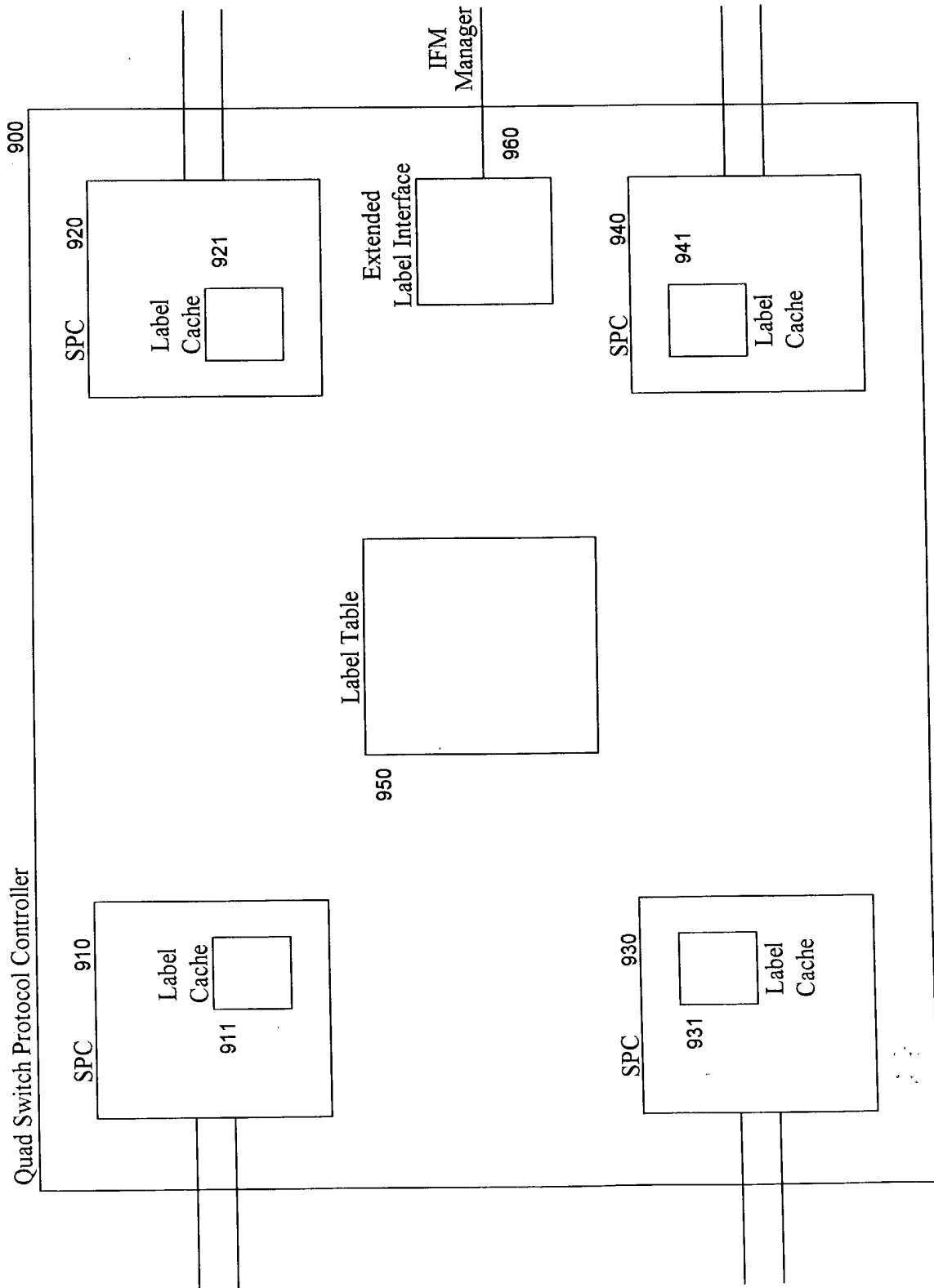


Fig. 9

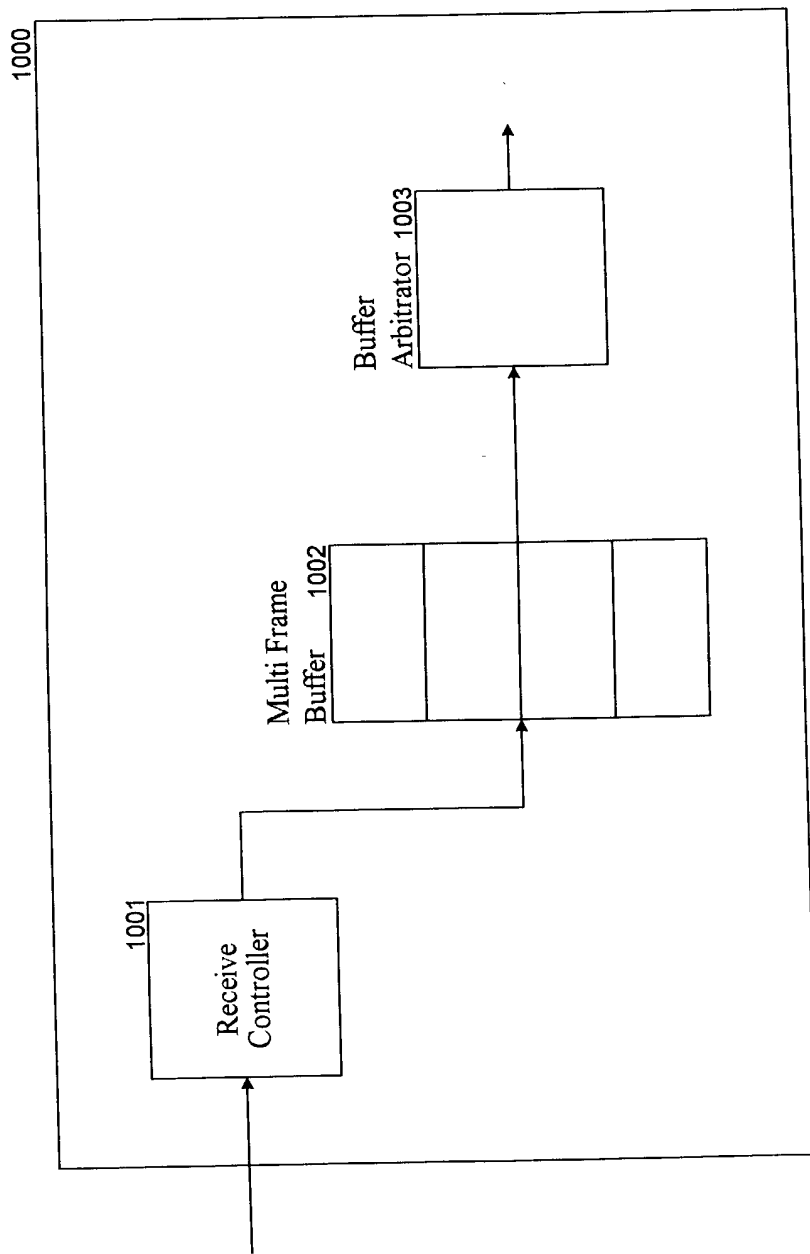


Fig. 10

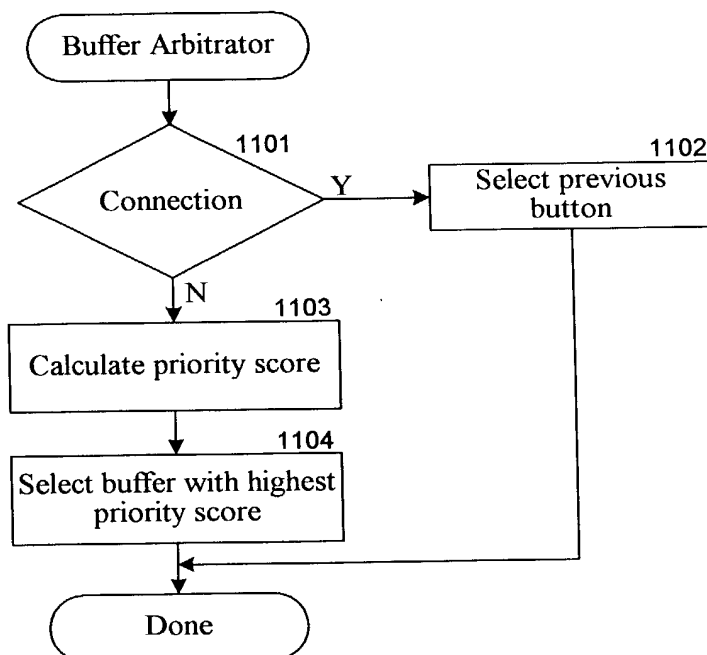


Fig. 11

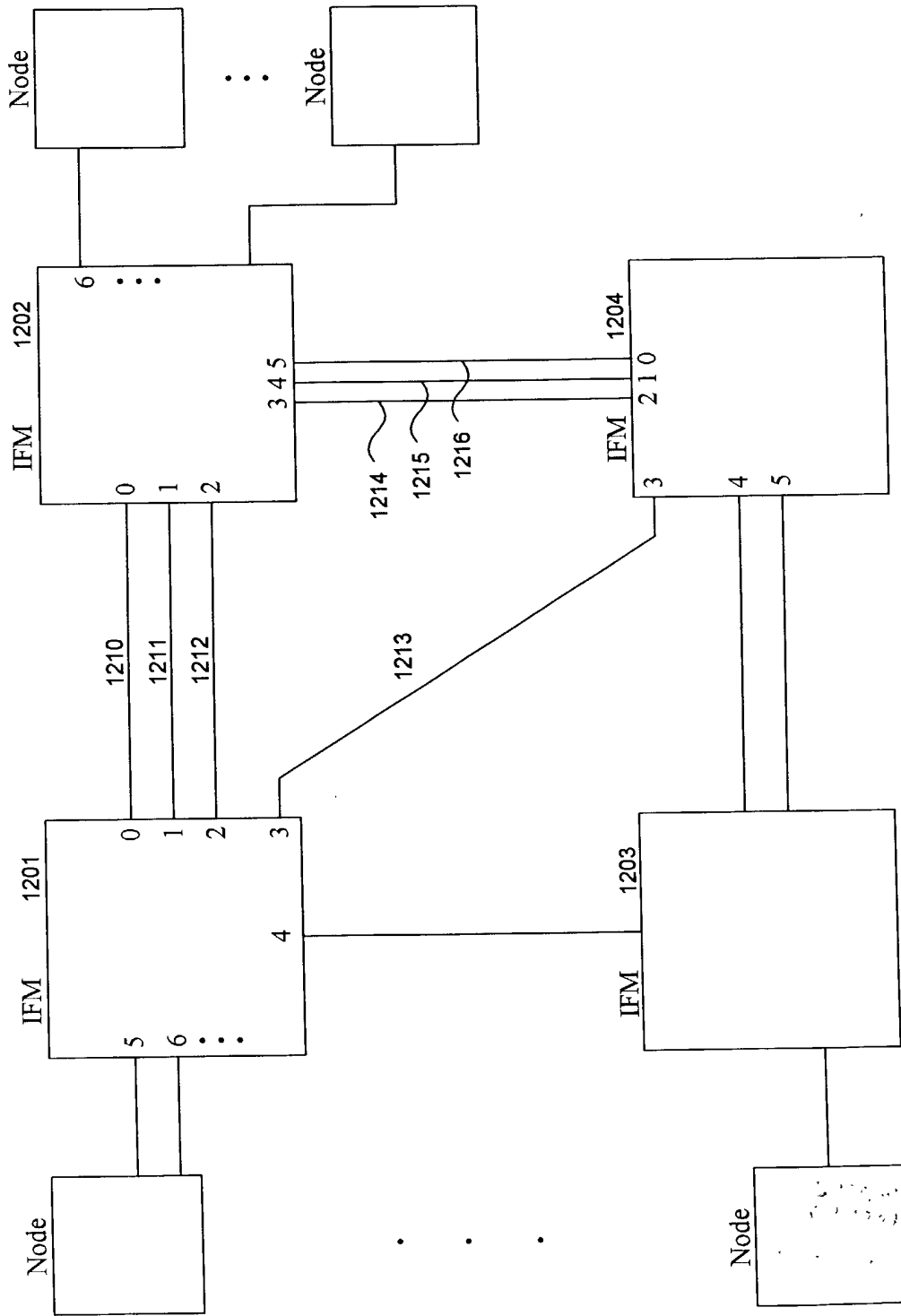


Fig. 12

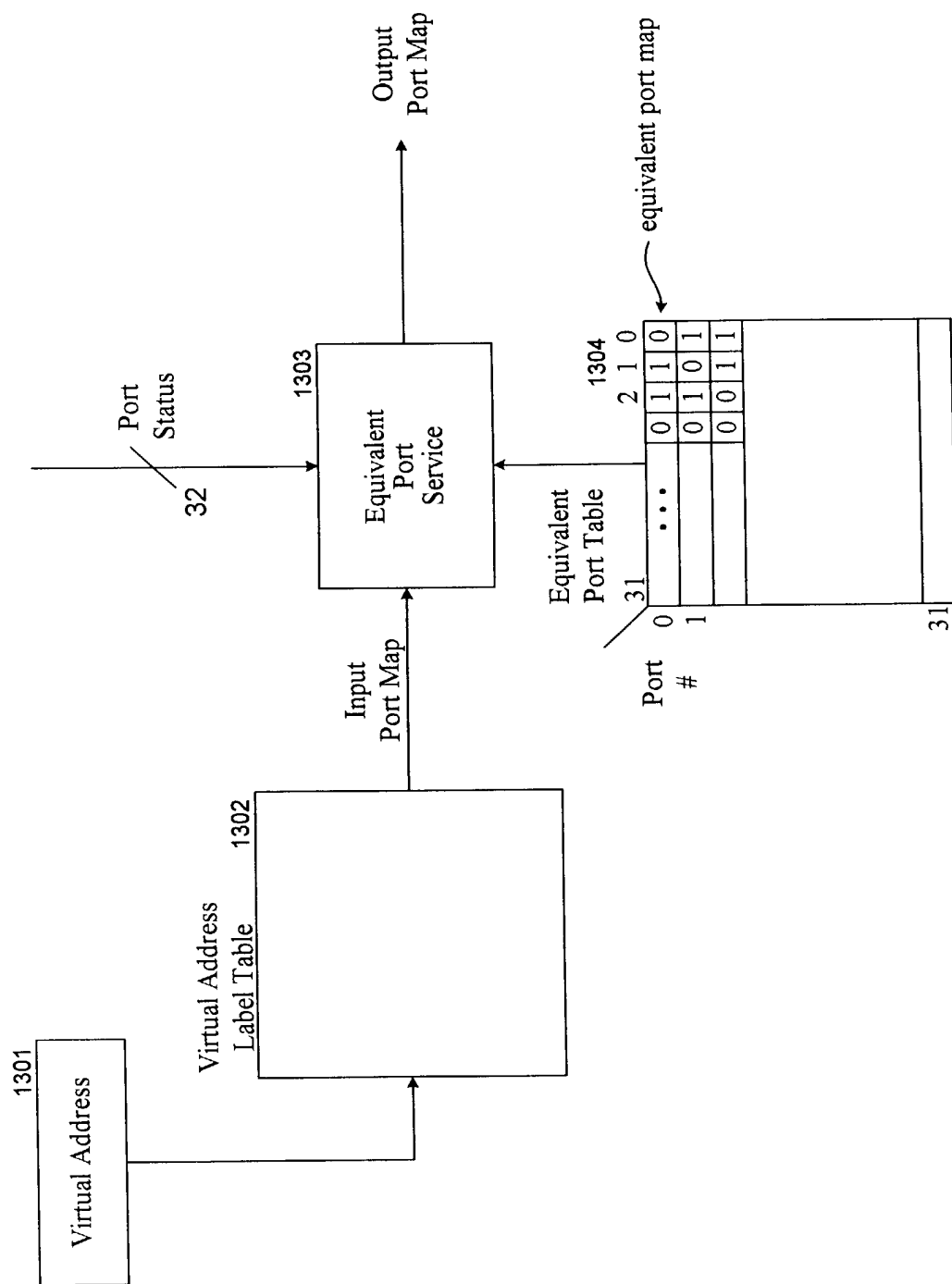


Fig. 13

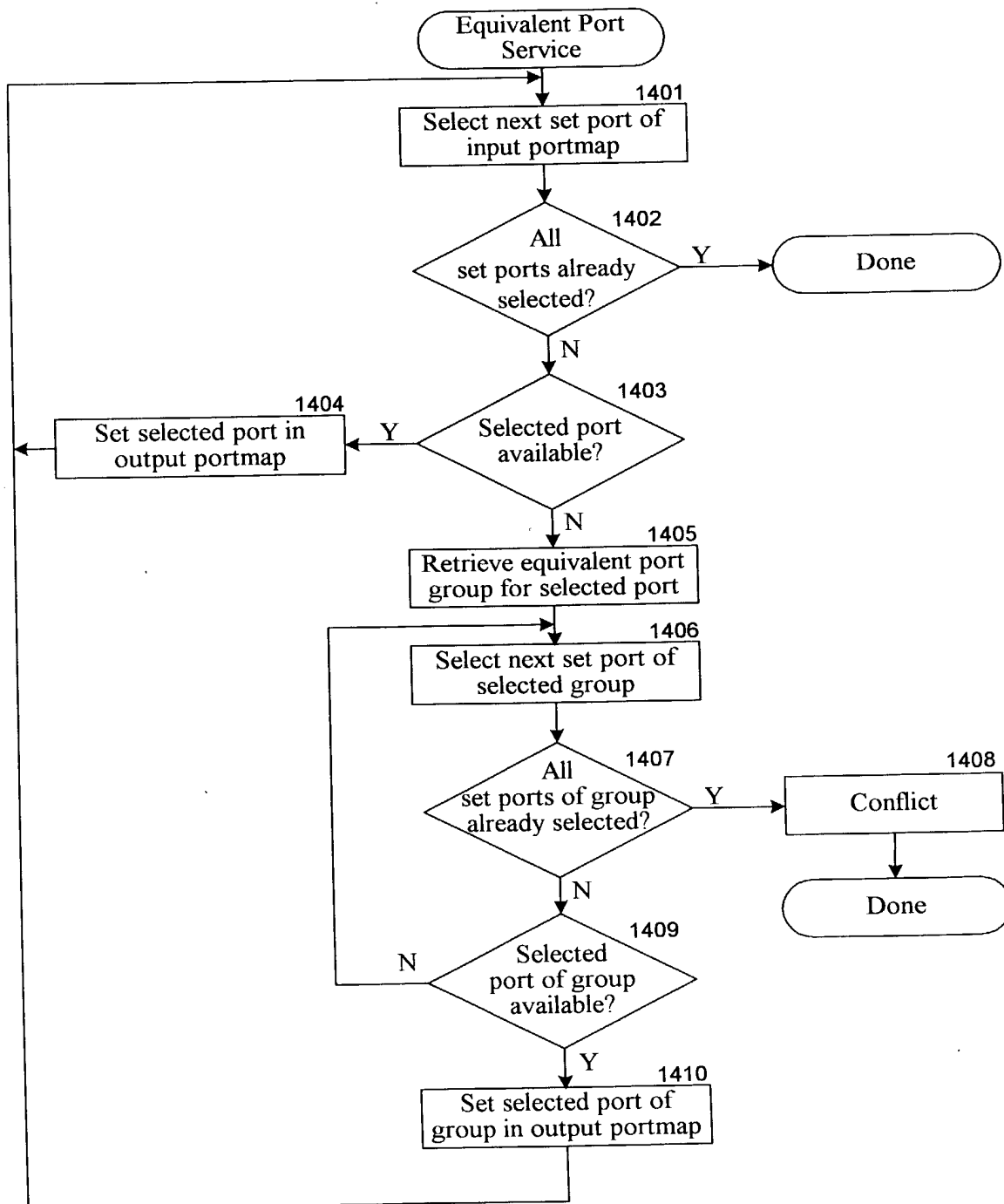


Fig. 14

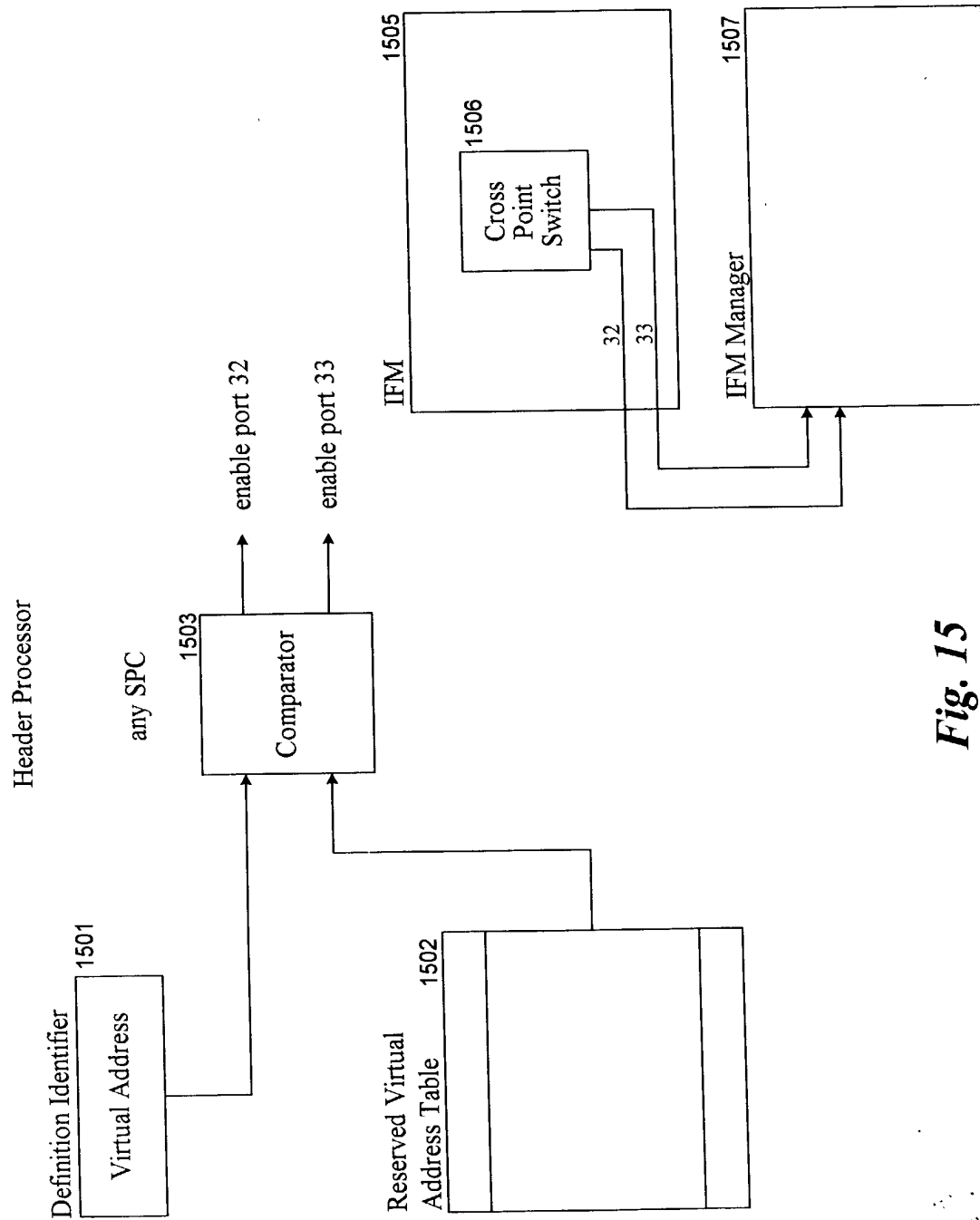
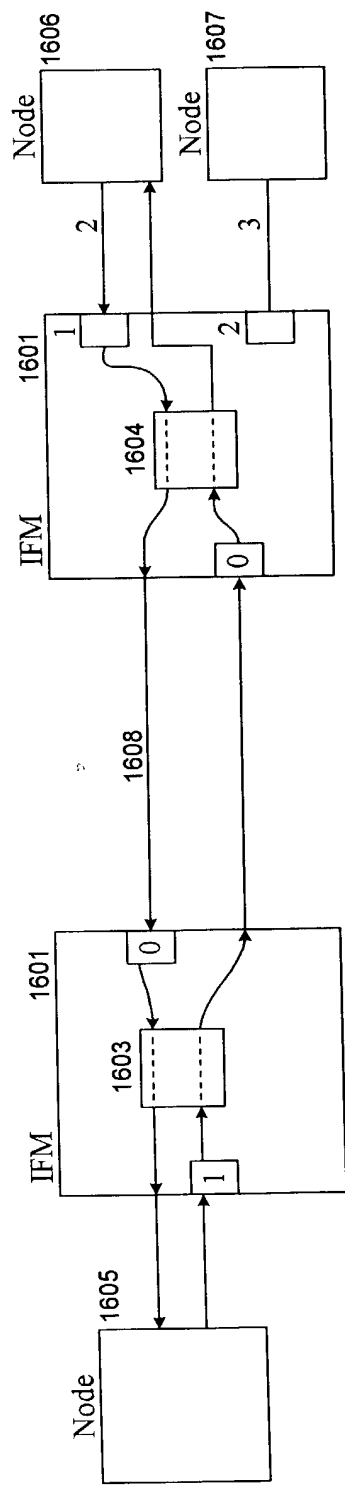


Fig. 15



1610
Deadlock

| Time | Node 1605 | IFM 1601 | Node 1606 | IFM 1602 |
|------|--------------------|---------------------------------------|--------------------|-----------------------------|
| 0 | Send start connect | | Send start connect | |
| 1 | | Connect 1 ↔ 0 | | Connect 2 ↔ 0 |
| 2 | | Forward start connect | | Forward start connect |
| 3 | | Can't forward start connect Node 1 | | Can't forward start connect |

Fig. 16

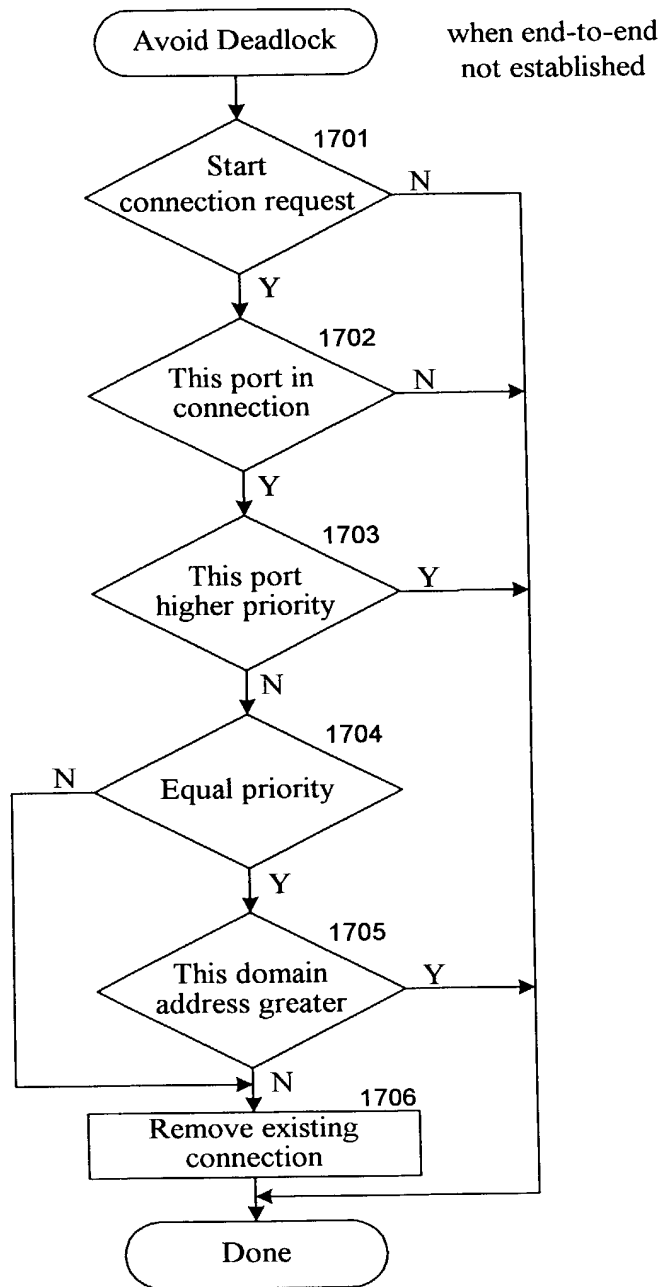


Fig. 17

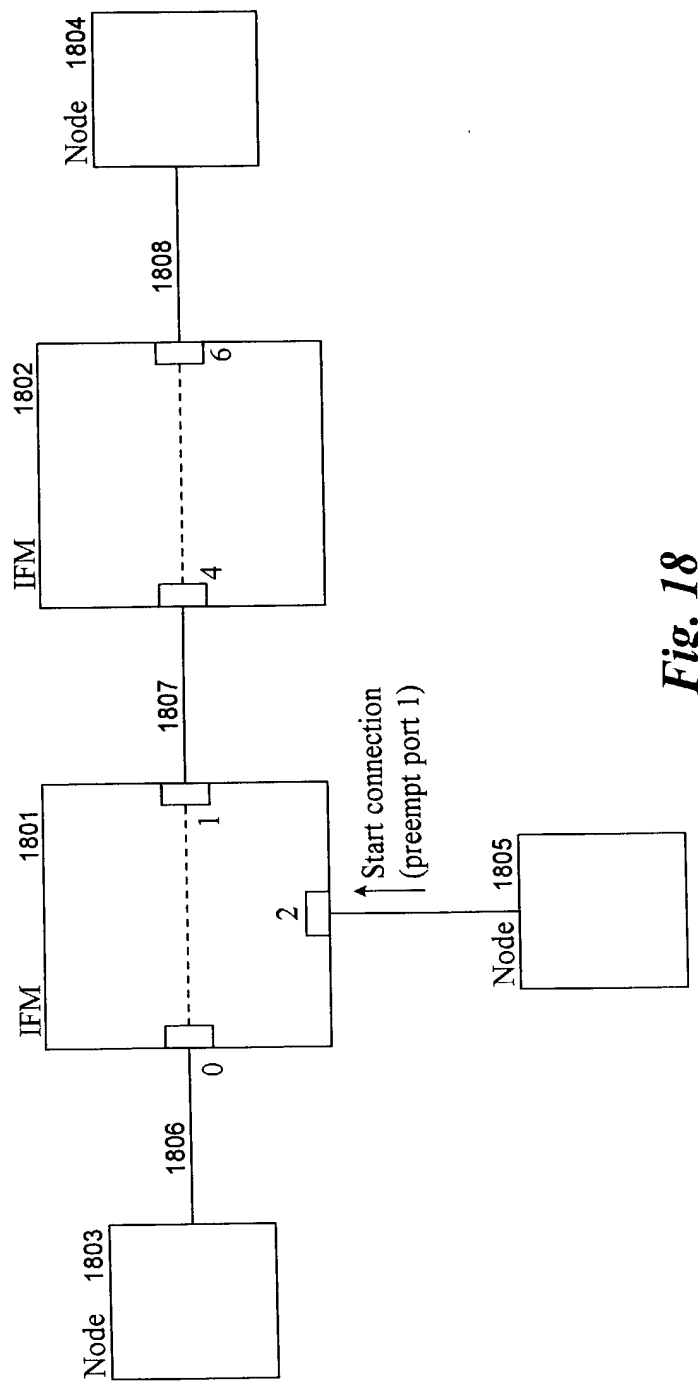


Fig. 18

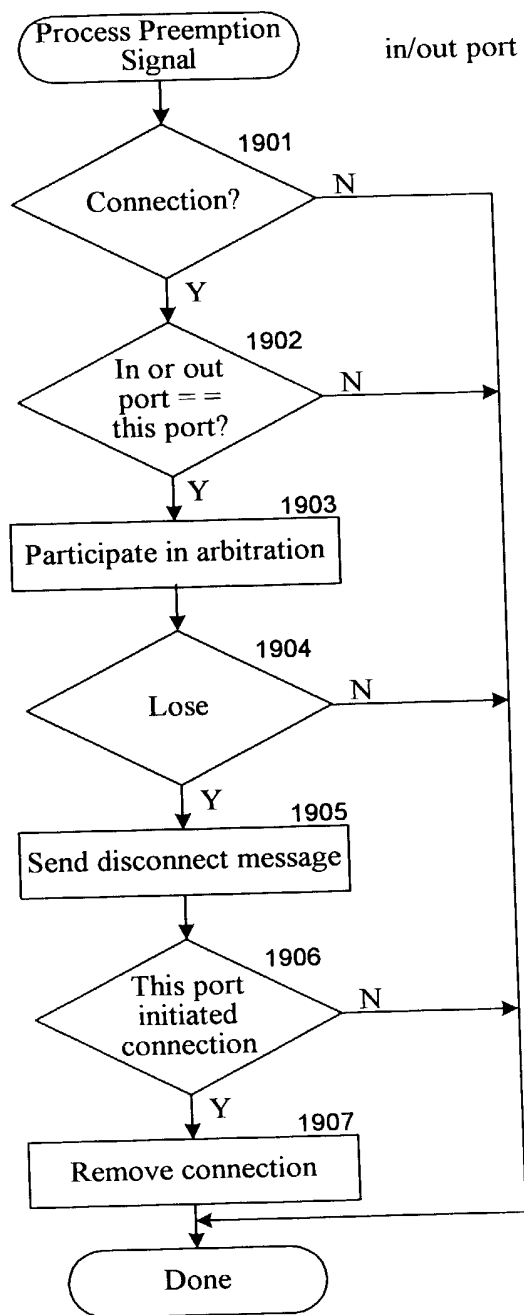


Fig. 19

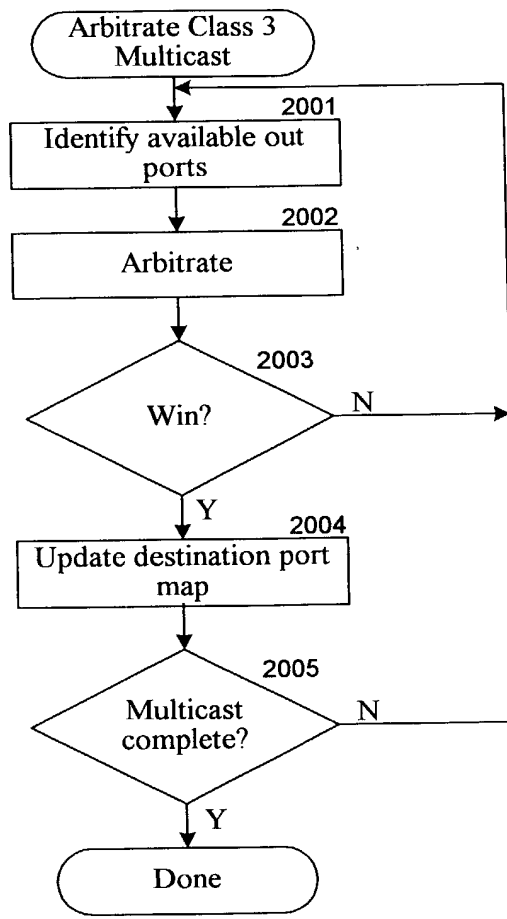


Fig. 20